

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2002-0087

FOR

DONALD CARANO  
VINTNER'S INN WASTEWATER TREATMENT FACILITY

Sonoma County

**MONITORING**

**Influent Monitoring**

All influent samples shall be collected at a point following the inlet to the equalization tank and before the anoxic tank.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/L	grab	monthly
TSS	mg/L	grab	monthly
Settleable Solids	mL/L	grab	monthly
Total Kjeldahl Nitrogen	mg/L	grab	monthly
Nitrate-Nitrogen	mg/L	grab	monthly
Flow	gpd	meter	continuous
Total Flow	gpd	meter	daily

**Effluent Monitoring**

Samples shall be collected at a point of discharge between disinfection and the wastewater holding pond.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
BOD (20°C, 5-day)	mg/L	grab	monthly
TSS	mg/L	grab	monthly
Settleable Solids	mL/L	grab	monthly
Total Kjeldahl Nitrogen	mg/L	grab	monthly
Nitrate-Nitrogen	mg/L	grab	monthly
pH	pH units	grab	monthly
Fecal Coliform			
Organisms	MPN/100 ml	grab	monthly
Total Coliform			
Organisms	MPN/100 ml	grab	monthly
Flow	gpd	meter	continuous
Total Flow	gpd	meter	daily

### **Groundwater Monitoring**

Depth to groundwater, in feet below ground surface, shall be measured at Monitoring Wells E1, E2, and E3 (Attachment "C") located within the vineyard irrigation area according to the following schedule.

#### Minimum Measurement Frequency

<u>Time Period</u>	<u>When Depth &gt; 5 feet</u>	<u>When Depth &lt; 5 feet</u>
December 16 <sup>th</sup> through April 30	monthly	monthly
May 1 through December 15 <sup>th</sup>	weekly	daily

Water quality samples shall be collected from Monitoring Wells U1, D1, D2, D3, D4, and D5 (Attachment "C") on a monthly basis during the irrigation-discharge period (May 1 through December 15<sup>th</sup>) and one time during the non-discharge winter months.

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Nitrate-Nitrogen	mg/L	grab	monthly
Total Kjeldahl Nitrogen	mg/L	grab	monthly
Fecal Coliform			
Organisms	MPN/100 ml	grab	monthly
Total Coliform			
Organisms	MPN/100 ml	grab	monthly

### **REPORTING**

Monthly monitoring reports shall be submitted to the Regional Water Board for each month by the last day of the following month. The results of all water quality monitoring performed will be submitted in the monthly monitoring reports. In reporting the monitoring data, the Discharger shall arrange the data in tabular form on an 8 1/2- by 11-inch sheet so that the date, the constituents, and the concentrations and location of the sampling point are readily discernible. The data shall be summarized in such a manner as to illustrate clearly the compliance with waste discharge requirements.

Ordered by \_\_\_\_\_  
Susan A. Warner  
Executive Officer

September 26, 2002